

Fig. 4-1-3 The layers of the atmosphere, p. 276

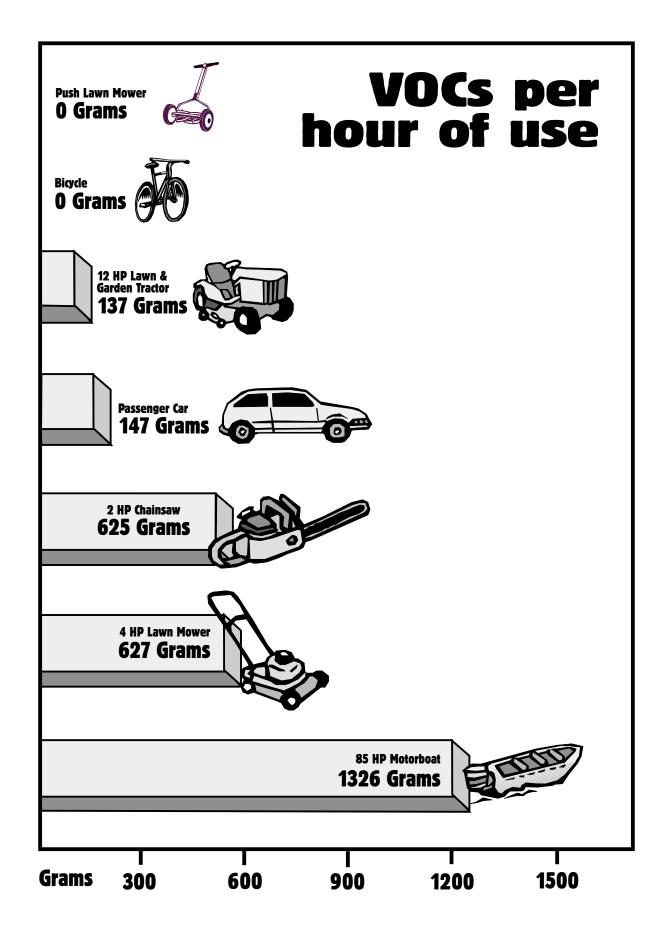


Fig. 4-1-5 Ozone-causing VOC emissions per hour of use, p. 278

OH-29

Ground-level Ozone Forecast and Action Guide



CODE RED Unhealthful

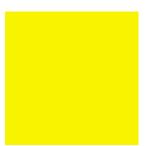
Hazy, hot and humid ■ Sunny skies

Stationary high pressure ■ Temperatures in the 90's and up



CODE ORANGE Approaching Unhealthful

Sunny skies and light winds ■ Slow moving high pressure Temperatures–80's to low 90's



CODE YELLOW Moderate

Light to moderate wind ■ Partly cloudy to sunny skies
High pressure system ■ Temperatures—Upper 70's to mid 80's

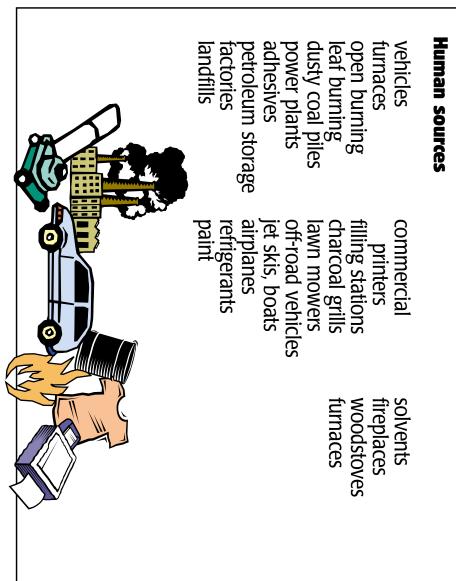


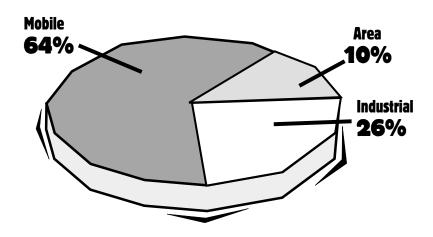
CODE GREEN Good

Windy conditions ■ Partly sunny to cloudy skies or rain
Passing cold front ■ Temperatures-Upper 70's to mid 80's

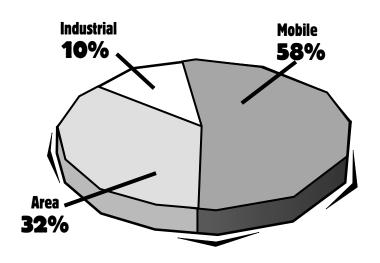
lightning pine trees brush and forest fires cattle volcanoes geysers wetlands/swamps

Air Pollution Sources





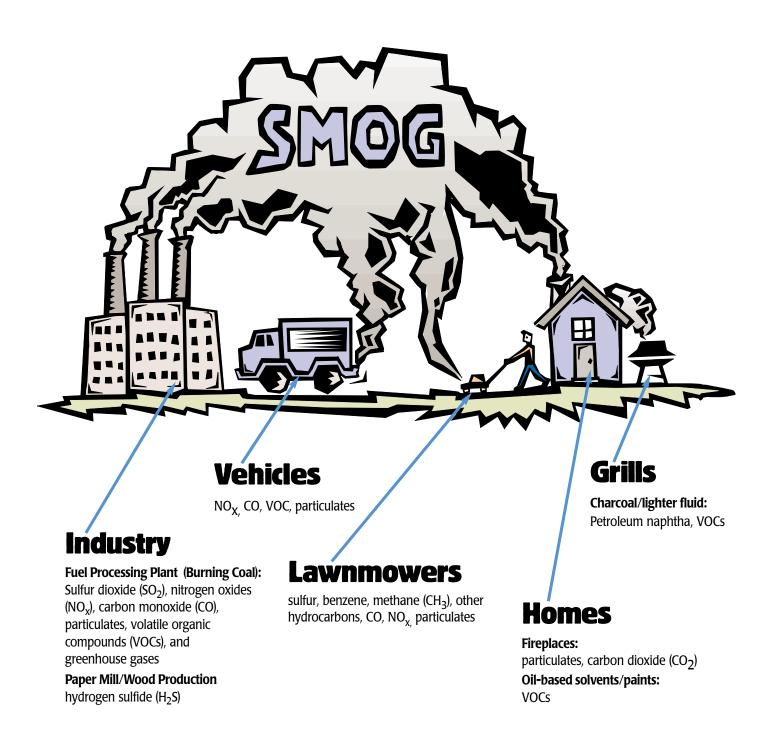
U.S. averages of nitrogen oxide (NO_X) emission sources in nonattainment areas.



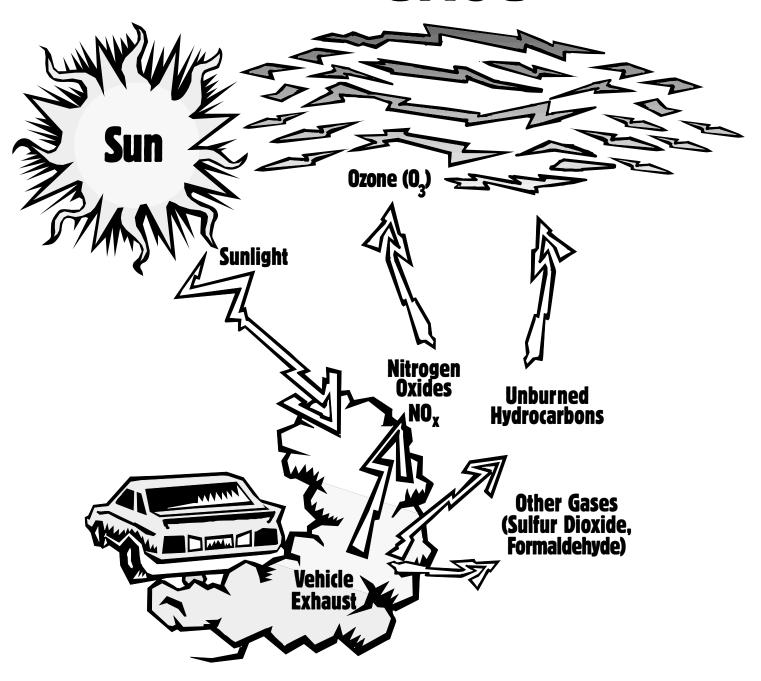
U.S. averages of volatile organic compound (VOC) emission sources in nonattainment areas.

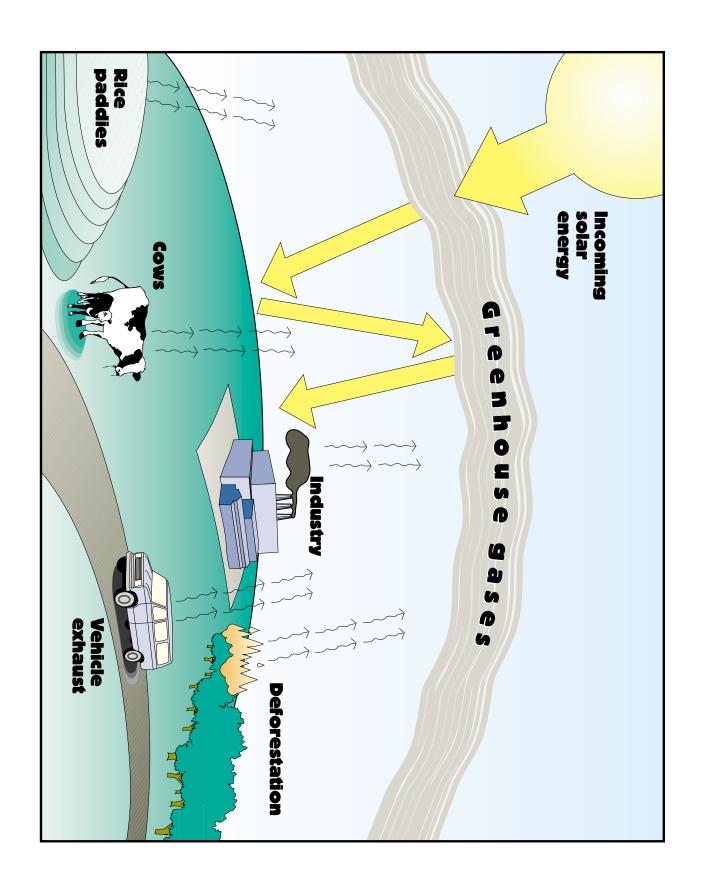
Source: U. S. Environmental Protection Agency

Figs. 4-1-7 & 4-1-8 U.S. averages of nitrogen oxide (NOx) and volatile organic compound (VOC) emissions in nonattainment areas, p. 281

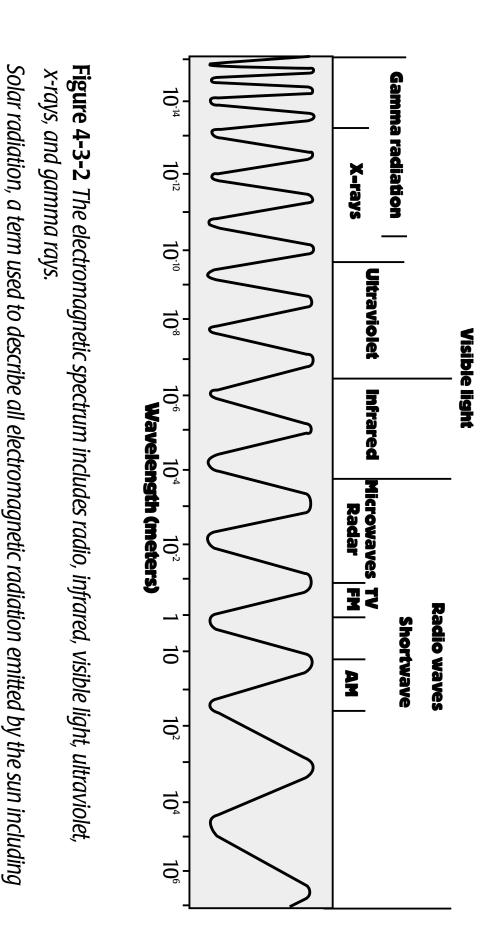


SMOG





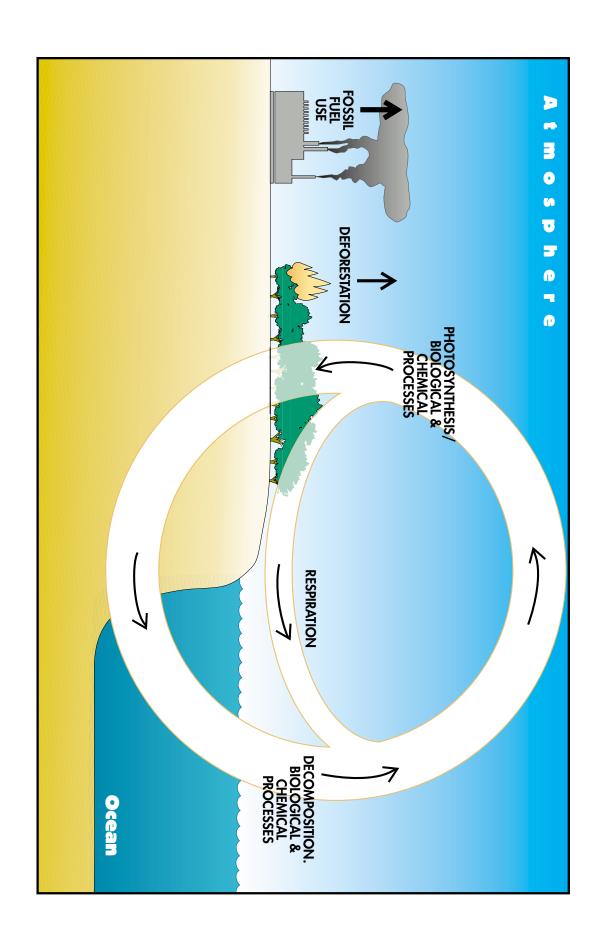
Flg. 4-3-1 Greenhouse gases, p. 315



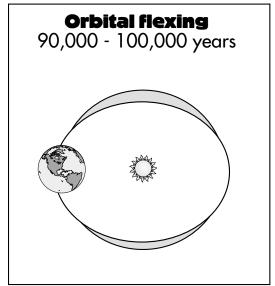
visible light, passes through the atmosphere, is absorbed, and re-radiated back out to space as

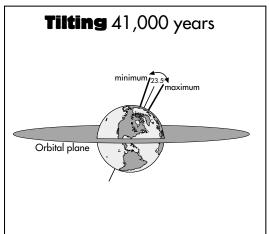
infrared (heat) waves.

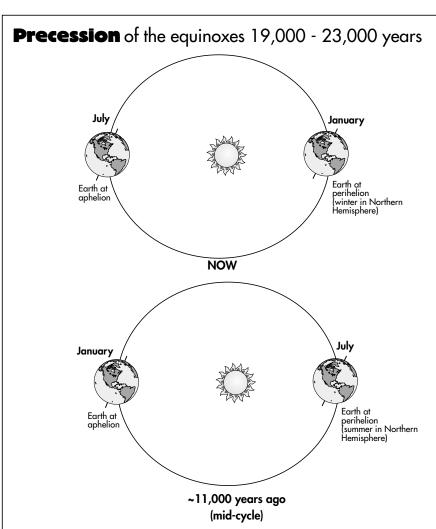
Flg. 4-3-2 Electromagnetic spectrum, p. 316

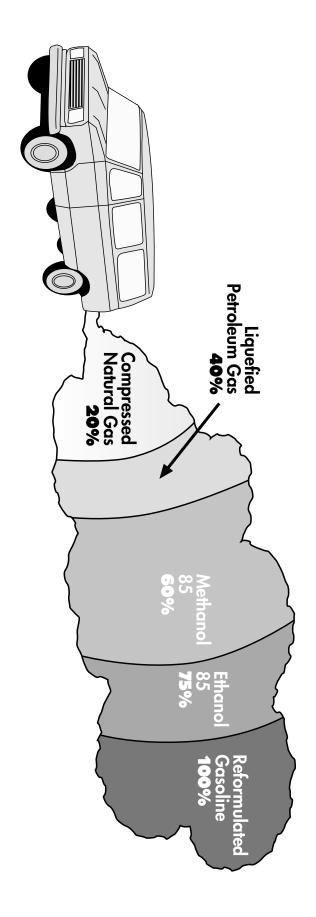


Flg. 4-3-3 Carbon cycle, p. 317

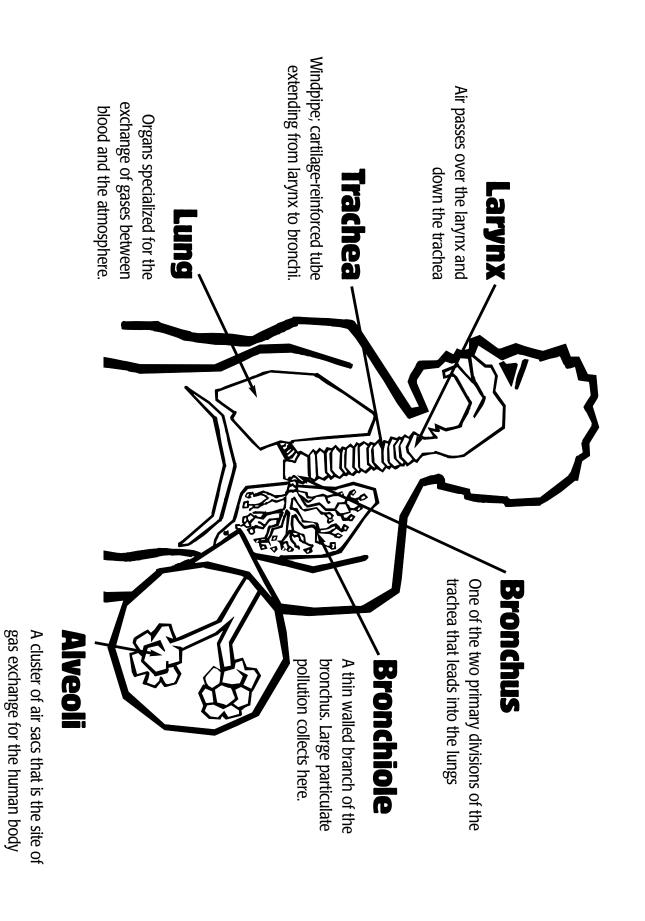








Flg. 4-3-8 Percentage of combined CO and NO_{x} emissions p. 325



Flg. 4-4-5 Human Respiratory System, p. 342